



Soldier Demographics and Report for the Army Science Board (ASB) Project Summary

Presented to

Recruiting Research Consortium

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ASB Terms of Reference

- Demographic Characteristics
 - Who will be available to serve in the 2015 era?
 - What attributes will these individuals have?
- Attribute Requirements
 - What knowledges, skills, and attributes (KSAs) are and will be required for military service?
 - What KSAs will be required for Future Combat Systems (FCS) and other highly complex tasks?
 - What is the congruence between projected soldier skill sets and skills sets needed for FCS tasks?
- Research and Development Requirements



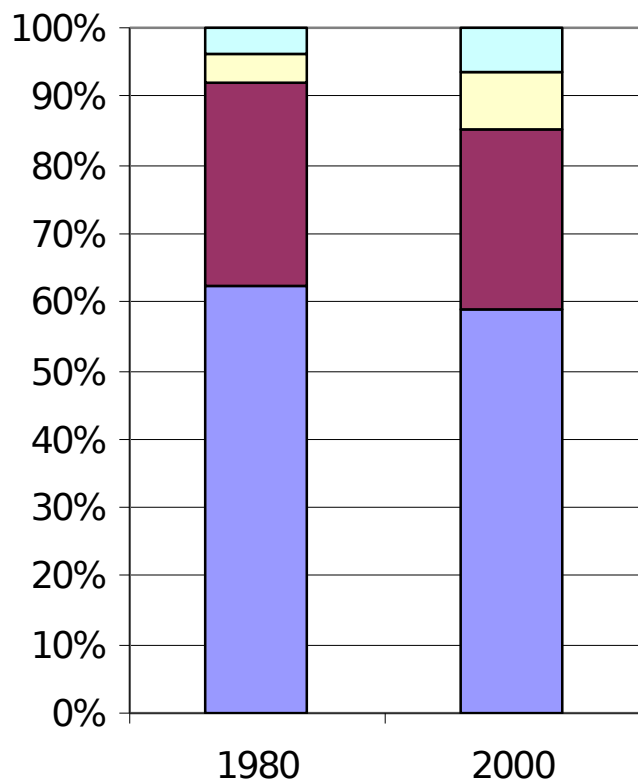
ASB Approach : Projecting Demographics

1. Identified data requirements needed to support inferences concerning future manpower and soldier systems,
2. Identified available data sources likely to contain relevant information,
3. Assessed the congruence between the study requirements and available data, and
4. Identified emerging issues and research requirements.

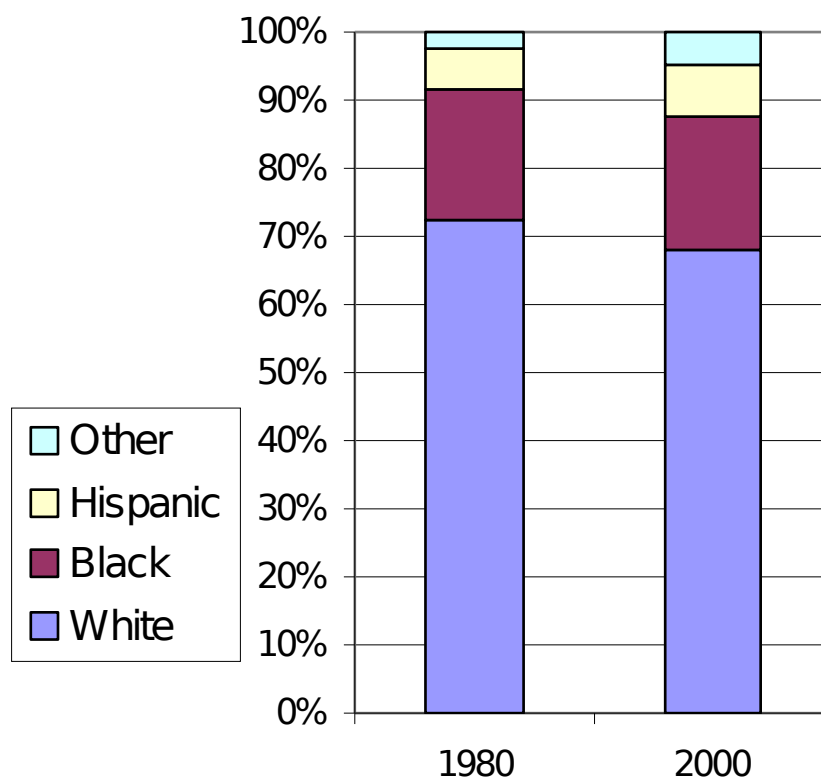


Soldier Trends : Race/Ethnic Trends

➤ Hispanic representation in the Army has substantially increased since 1980



Active Army



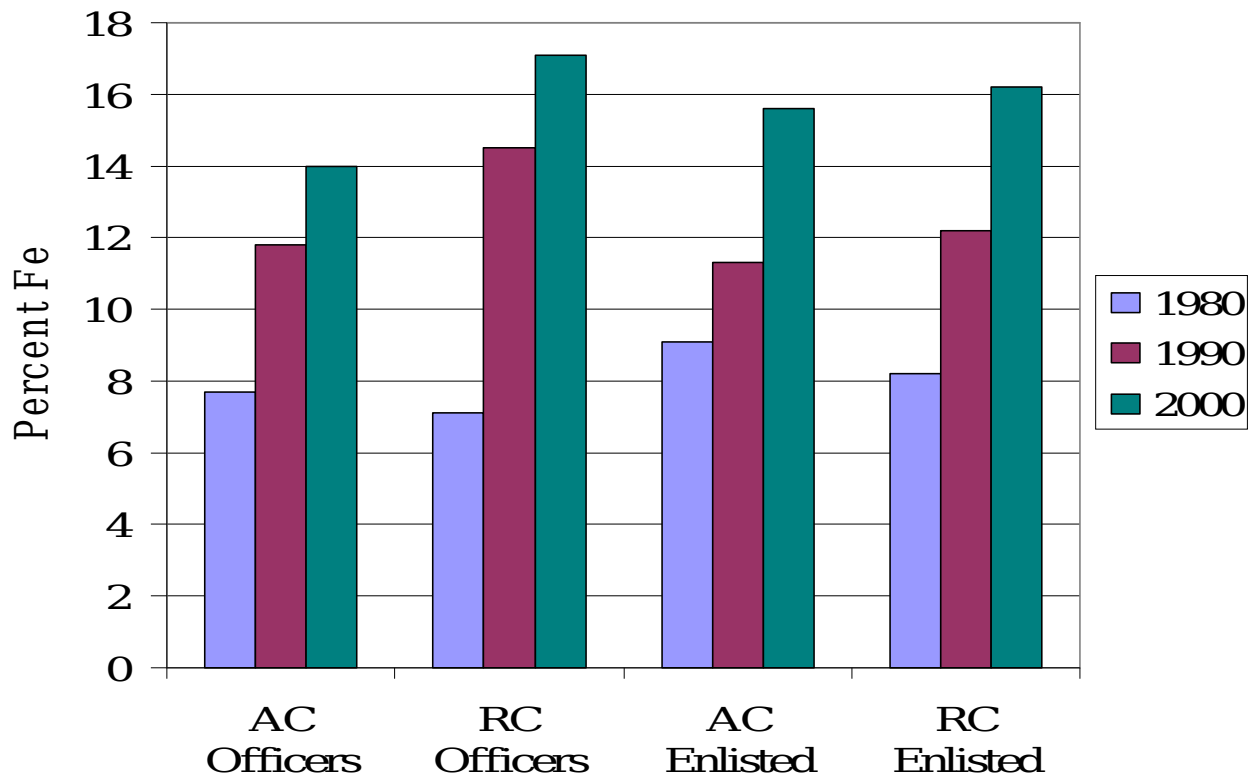
Reserve

Component.



Soldier Trends : Gender Trends

➤ Female representation in the Army has substantially increased since 1980

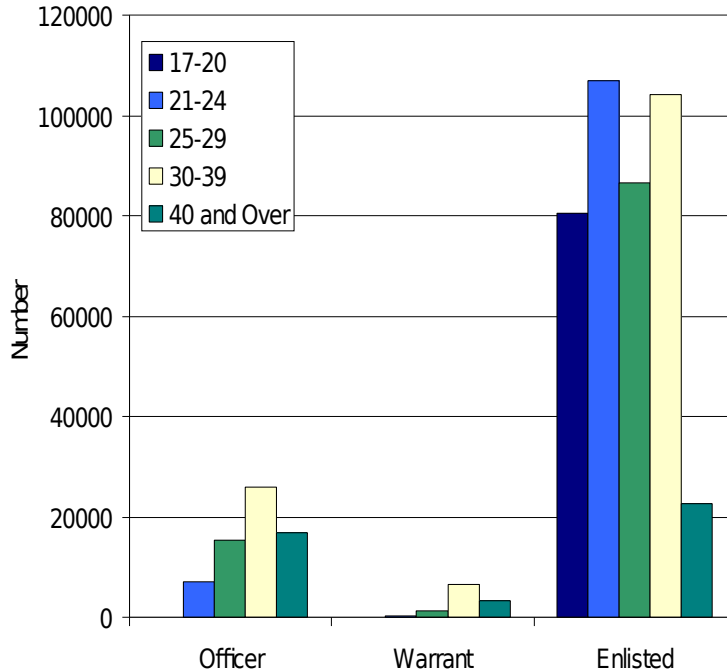


Female Representation in the Army.

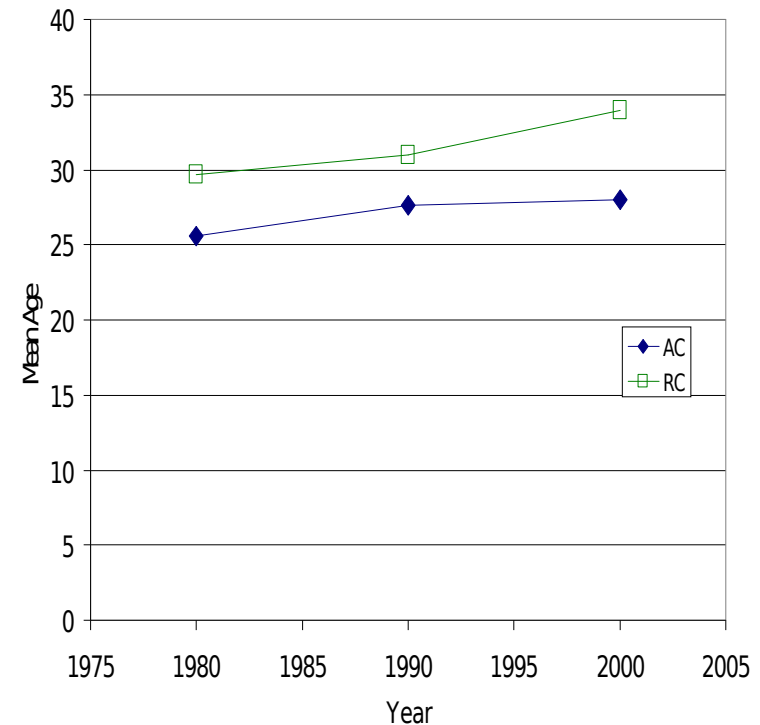


Soldier Trends : Age Trends

➤ The mean age of soldiers in the Active Army and Reserve Component has increased by several years (2.4 & 4.3) since 1980



Age Distribution: Active Army & Reserve Component.



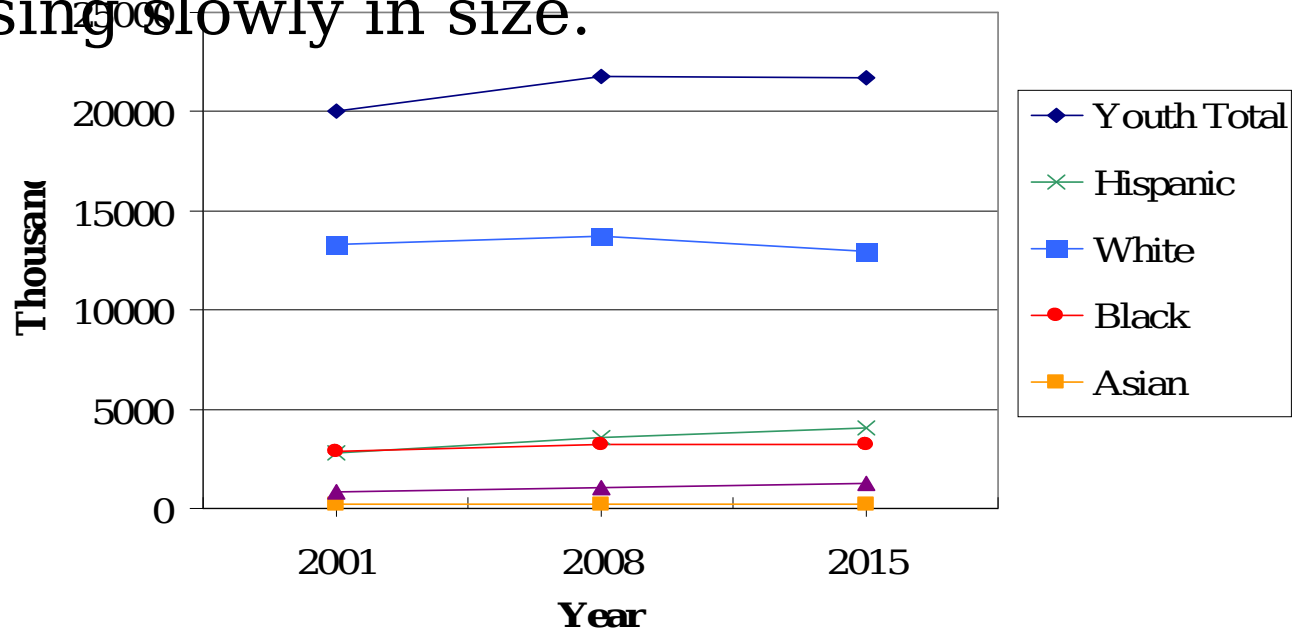
Age Trends: Active Army and Reserve Component.



Population Trends : Race/Ethnic Changes

➤ The Hispanic segment is now the largest youth minority and is projected to further increase.

➤ The white and black youth segments are decreasing slowly in size.

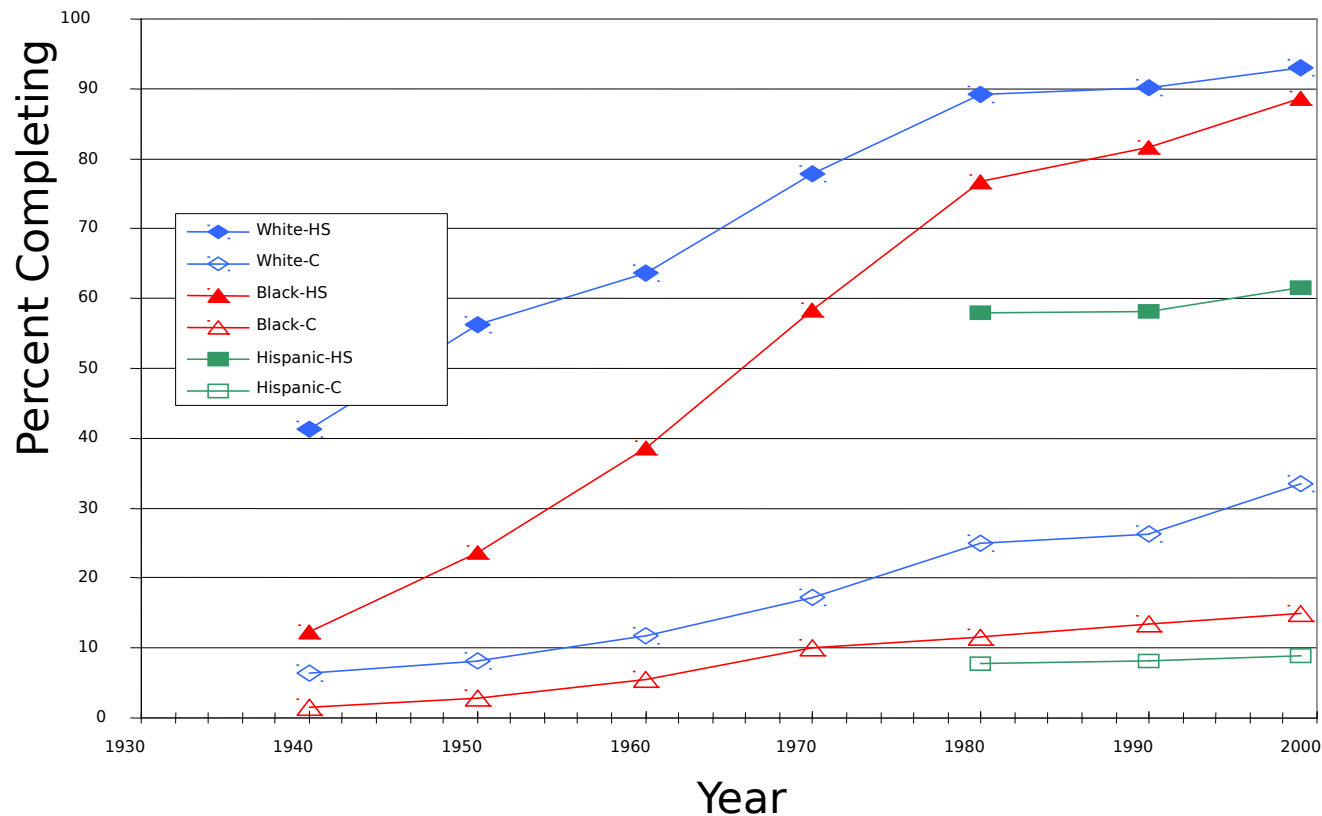


Youth population
projections.



Population Trends : High School Completion

➤ High school completion rates are expected to remain high for youth segments.

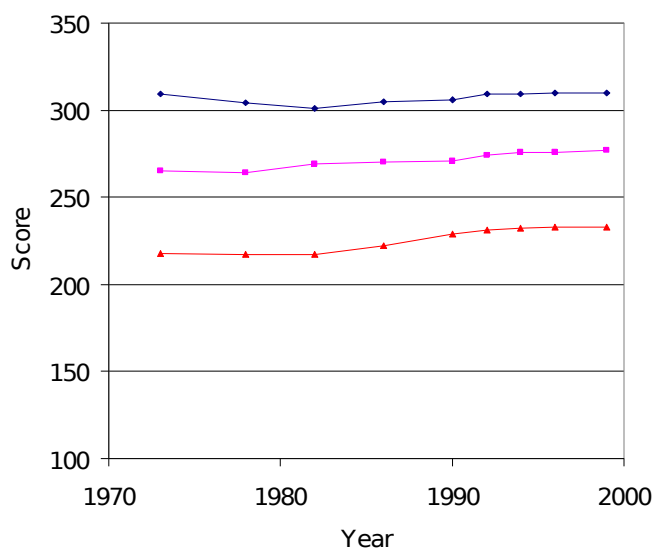


High school (HS) and college (C) degree completion rates for young adults (ages 25-30) by Race/Ethnicity.

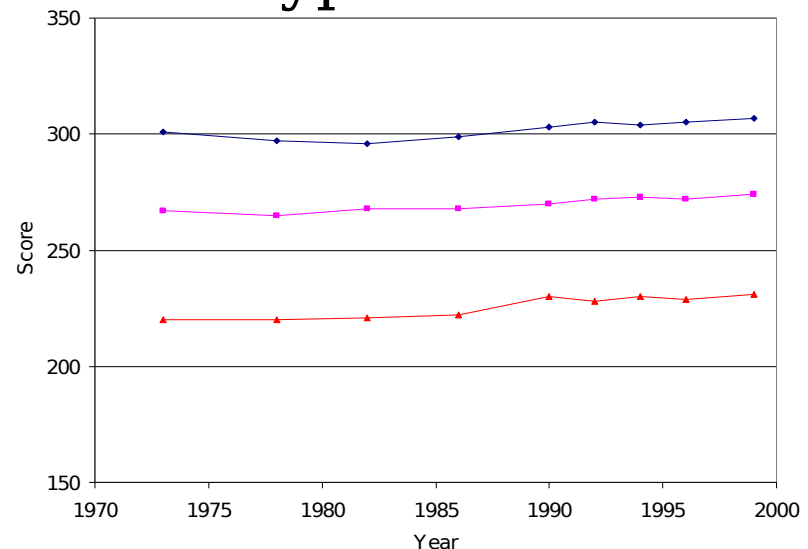


Population Trends : Academic Performance

➤ National Assessment for Education Progress (NAEP) trends suggest little change or a slight improvement in the academic performance of American youth across many domains. The results for mathematics are typical.



Mathematics trends for males.

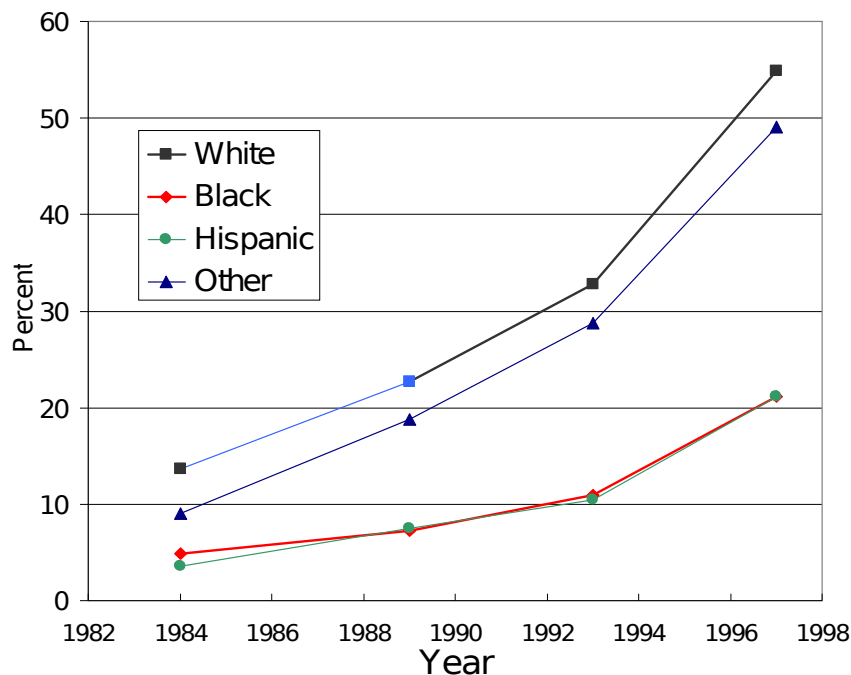


Mathematics trends for females.

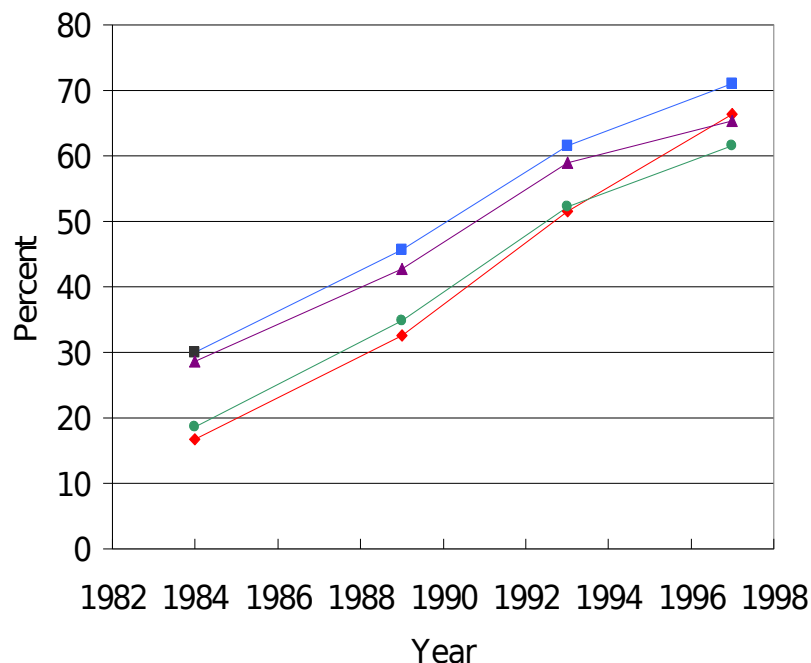


Population Trends : Computer Access

➤ Computer availability for youth has increased substantially.



Computer Availability:
Home.

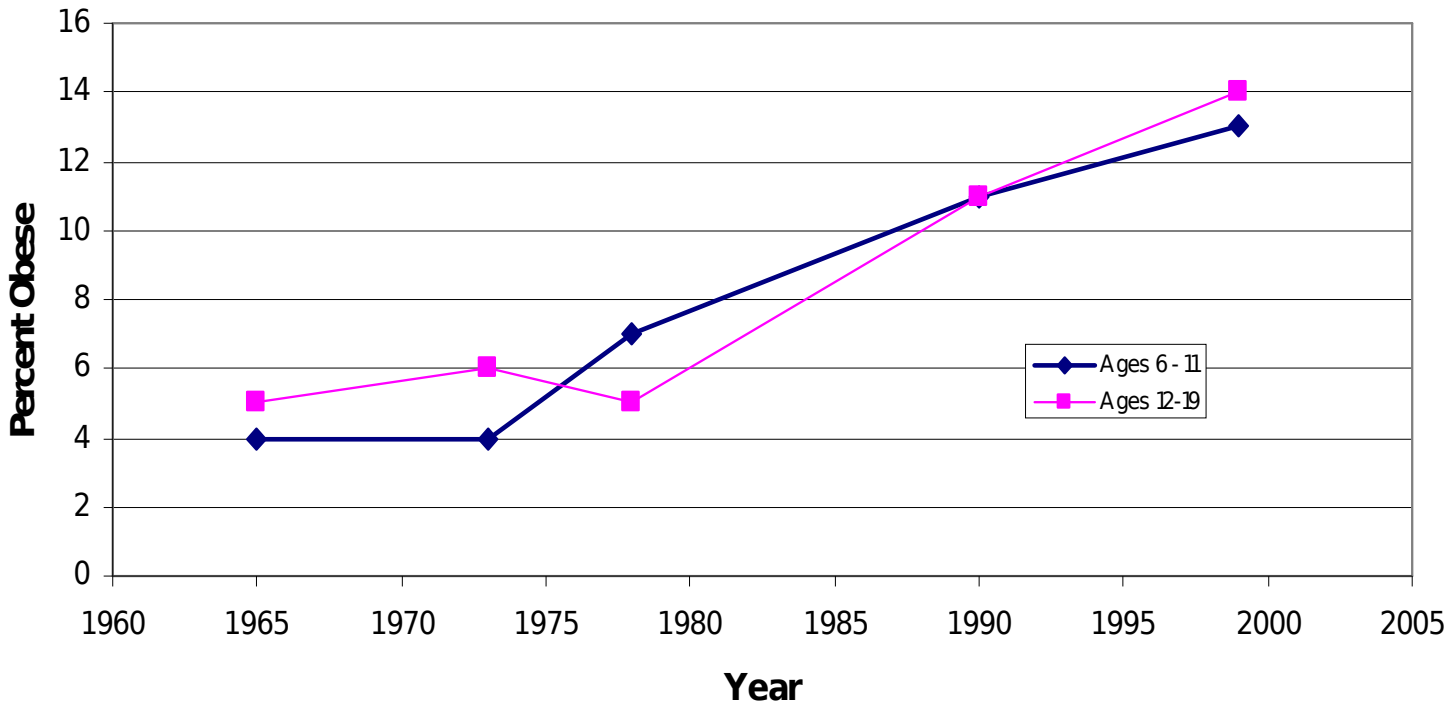


Computer Availability:
School.



Population Trends : Physical Fitness

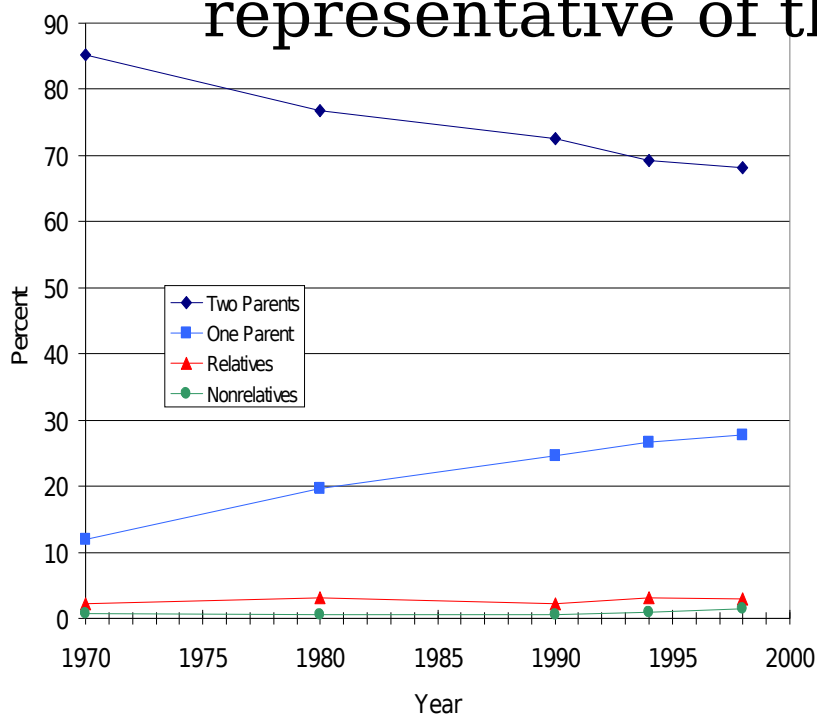
➤ Increasing proportions of youth have been classified as obese.



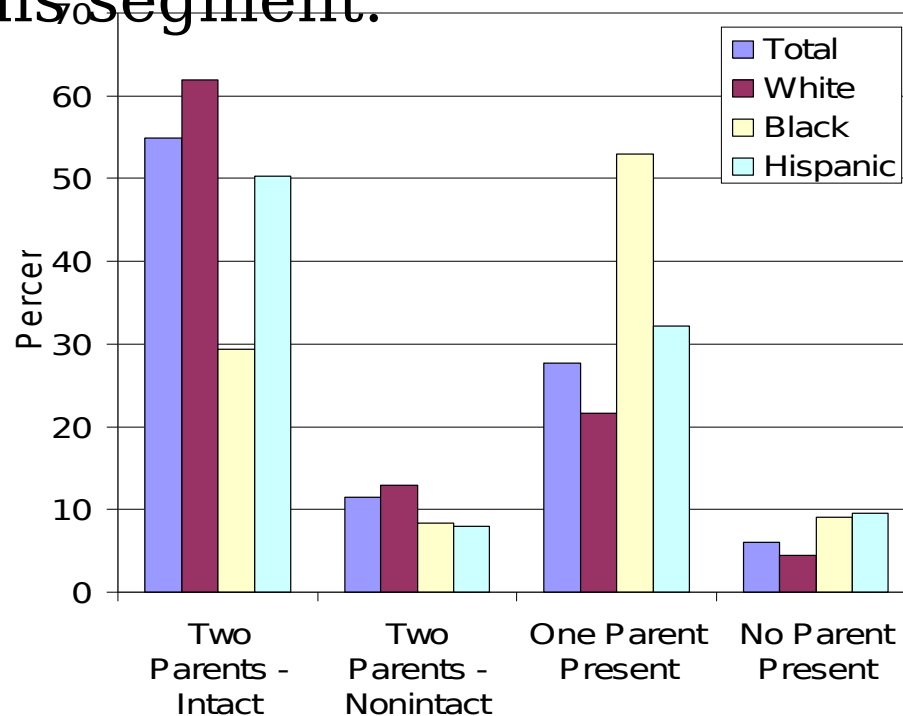


Population Trends : Family Structure

➤ Since 1970 the proportion of youth living in non-intact homes has slowly increased. Army recruits have traditionally been over-representative of this segment.



Parental Presence: 1970
- 1998



Detailed Parental
Presence in 1996: Youth
Ages 15 to 17



Population Trends : Summary

➤ Past Army trends and population projections suggest that compared to current recruits, 2015 recruits will more likely be:

- Hispanic
- Female
- Computer adept
- Raised in a non-intact home
- At least similar in academic achievement